EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------------|------|--|--|---------------------|---------|---------------------|
| S68 | 623 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) same vacuum and sinter\$3 and (density or densify\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 13:09 |
| S69 | 328 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) same vacuum and sinter\$3 same (density or densify\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 13:10 |
| S70 | 285 | S69 and ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 13:12 |
| \$71 | 15 | ("2828225" "3533738" "4418024" "4418025" "4427785" "4600481" "4657876" "4725567" "4737476" "4774068" "5009822" "5021367" "5135691").PN. OR ("5478785"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/26 13:16 |
| S72 | 1085 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter \$3 same (density or densify\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 13:22 |
| S 73 | 967 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter \$3 same (density or densify\$3) and ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 13:22 |
| S74 | 149 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter \$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 13:22 |
| S75 | 111 | S74 and vacuum\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 13:23 |
| S76 | 35 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) same vacuum\$3 and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 13:35 |

| S 77 | 149 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter \$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 13:51 |
|-------------|------|---|--|-----|-------------|---------------------|
| S78 | 70 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) same (glass or silica) and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | 0 0 0 | 2010/06/26 14:19 |
| S79 | 45 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) same (body or preform or tooth or crown or denture) and (infiltrant or infiltrat \$3) same (glass or silica) and sinter\$3 same (density or densify \$3) and ceramic and (tooth or dental or teeth or denture) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 14:20 |
| S80 | 2 | "5910273".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 14:21 |
| S81 | 2 | "5250352".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 14:27 |
| S82 | 96 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) same (body or preform or tooth or crown or denture) and (infiltrant or infiltrat \$3) same (hydroly\$5 or silica or precursor) and sinter\$3 same (density or densify\$3) and ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OZ | 2010/06/26 14:34 |
| S83 | 8 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 14:53 |
| S84 | 55 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) with (body or preform or tooth or crown or denture) and (infiltrant or infiltrat \$3) with (silica or sol gel or sol or precursor or hydroly\$5 or silicate) and sinter\$3 same (density or densify\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 14:57 |
| S85 | 3069 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) same (alumina or aluminum oxide or Al2O3 or "Al.sub.2O.sub.3") and translucent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 15:32 |

| S86 | 301 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) same (alumina or aluminum oxide or Al2O3 or "Al.sub.2O.sub.3") same composite and translucent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 15:32 |
|-----|-----|---|--|-----|----|---------------------|
| S87 | 7 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) same (alumina or aluminum oxide or Al2O3 or "Al.sub.2O.sub.3") with infiltra\$5 and translucent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 15:32 |
| S88 | 25 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (alumina or aluminum oxide or Al2O3 or "Al.sub.2O.sub.3") with infiltra\$5 and translucent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 15:34 |
| S89 | 25 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (alumina or aluminum oxide or Al2O3 or "Al.sub.2O.sub.3") with infiltra\$5 and translucent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 15:34 |
| S90 | 379 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (alumina or aluminum oxide or Al2O3 or "Al.sub.2O.sub.3") with infiltra\$5 and (room temperature or ("25" with (celsius or degree or C))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 15:39 |
| S91 | 121 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (alumina or aluminum oxide or Al2O3 or "Al.sub.2O.sub.3") with infiltra\$5 same2 (room temperature or ("25" with (celsius or degree or C))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 15:39 |
| S92 | 22 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (alumina or aluminum oxide or Al2O3 or "Al.sub.2O.sub.3") with infiltra\$5 with (room temperature or ("25" with (celsius or degree or C))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 15:53 |
| S93 | 103 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (alumina or aluminum oxide or Al2O3 or "Al.sub.2O.sub.3") with infiltra\$5 and infiltra\$5 with (room temperature or ("25" with (celsius or degree or C))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 16:17 |
| S94 | 23 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (silica or SiO2 or "SiO.sub.2" or silicate) with infiltra\$5 and translucent | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 16:40 |

| S95 | 55 | ("zirconium oxide" or zirconia or "ZrO.sub.2" or ZrO2) with (body or preform or tooth or crown or denture) and (infiltrant or infiltrat \$3) with (silica or sol gel or sol or precursor or hydroly\$5 or silicate) and sinter\$3 same (density or densify\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 17:02 |
|------|------|--|--|-----|----|---------------------|
| S96 | 28 | (dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (silica or SiO2 or "SiO.sub.2" or silicate) with infiltra \$5 and (organic binder or cellulose) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:03 |
| S97 | 33 | (dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (silica or SiO2 or "SiO.sub.2" or silicate) with infiltra \$5 and (binder and (organic or cellulose)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:05 |
| S98 | 3312 | (dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (binder and (organic or cellulose)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:05 |
| S99 | 205 | (dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (binder and (organic or cellulose)) and sinter\$4 and infiltra\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:05 |
| S100 | 26 | (dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) same (binder and (organic or cellulose)) and sinter \$4 and infiltra\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:06 |
| S101 | 127 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) same (binder and (organic or cellulose)) and sinter\$4 and infiltra\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:07 |
| S102 | 89 | (zirconium oxide or zirconia or "ZrO sub.2" or ZrO2) same (binder with (organic or cellulose)) and sinter\$4 and infiltra \$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:09 |
| S103 | 883 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (binder with (organic or cellulose)) and sinter\$4 and (pyrolyz\$4 or pyrolys \$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:16 |

| S104 | 137 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (binder with (organic or cellulose)) and sinter\$4 and (pyrolyz\$4 or pyrolys \$4) and infiltra\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:16 |
|------|---------|--|--|-----|----|---------------------|
| S105 | 1026544 | (dental or tooth or denture or teeth or crown) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:17 |
| S106 | 20 | S104 and S105 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:17 |
| S107 | 66 | (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (binder with (organic or cellulose)) and sinter\$4 and debind\$3 and infiltra \$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 18:20 |
| S108 | 2104 | ("zirconium oxide" or zirconia or "ZrO.sub.2" or ZrO2) and (cerium nitrate or "CeN.sub.3O.sub.9") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 19:07 |
| S109 | 126 | ("zirconium oxide" or zirconia or "ZrO.sub.2" or ZrO2) and (cerium nitrate or "CeN.sub.3O.sub.9") and (TEOS or tetratehylorthosilicate or tetraethyl orthosilicate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 19:08 |
| S110 | 23 | ("zirconium oxide" or zirconia or "ZrO.sub.2" or ZrO2) and (cerium nitrate or "CeN.sub.3O.sub.9") and (TEOS or tetratehylorthosilicate or tetraethyl orthosilicate) and (aluminum nitrate or "Al(NO.sub.3).sub.3") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 19:09 |
| S111 | 1 | (cerium nitrate or "CeN.sub.3O. sub.9") same (TEOS or tetratehylorthosilicate or tetraethyl orthosilicate) same (aluminum nitrate or "Al(NO. sub.3).sub.3") same infiltra\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 19:10 |
| S112 | 16 | (cerium nitrate or "CeN.sub.3O. sub.9") same infiltra\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 19:10 |
| S113 | 134 | (cerium nitrate or "CeN.sub.3O. sub.9") with (sol or TEOS or tetraethyl orthosilicate or tetraethylorthosilicate) | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 19:16 |
| S114 | 21 | (cerium nitrate or "CeN.sub.3O. sub.9") with (TEOS or tetraethyl orthosilicate or tetraethylorthosilicate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 19:17 |

| S115 | 146 | (cerium or cerium nitrate or "CeN. sub.3O.sub.9") with (TEOS or tetraethyl orthosilicate or tetraethylorthosilicate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 19:18 |
|------|-------|---|--|-----|-----|---------------------|
| S116 | 7 | (cerium or cerium nitrate or "CeN. sub.3O.sub.9") with (TEOS or tetraethyl orthosilicate or tetraethylorthosilicate) and (cerium or cerium nitrate or "CeN. sub.3O.sub.9") with cataly\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | 0N | 2010/06/26 19:18 |
| S117 | 2 | "5925330".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/26 20:12 |
| S118 | 25466 | "516".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 11:22 |
| S119 | 260 | S118 and (sol or silica or TEOS or silicate) and cerium | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 11:23 |
| S120 | 17 | S118 and (sol or silica or TEOS or silicate) and cerium nitrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 11:23 |
| S121 | 15 | S118 and (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or tetramethyl orthosilicate or silica or TEOS or silicate) and cerium nitrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 11:24 |
| S122 | 0 | S118 and (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium nitrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 11:26 |
| S123 | 19 | S118 and (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 11:26 |
| S124 | 184 | (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium nitrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 11:28 |
| S125 | 31 | (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium nitrate and aluminum nitrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | NON | 2010/06/28 11:31 |

| S126 | 2 | (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium nitrate same (condensation or hydrolysis or reaction rate or gel rate or gel time or reation time or gelation rate or gelation time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | 2 2 | 2010/06/28 11:37 |
|------|-----|---|--|-----|--------|---------------------|
| S127 | 38 | (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium with (condensation or hydrolysis or reaction rate or gel rate or gel time or reation time or gelation rate or gelation time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | O N | 2010/06/28 11:38 |
| S128 | 2 | (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium with (condensation rate or condensation time or rate of condensation or reaction rate or gel rate or gel time or reation time or gelation time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | Z | 2010/06/28 11:39 |
| S129 | 7 | (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium same (condensation rate or condensation time or rate of condensation or reaction rate or gel rate or gel time or reation time or gelation time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | NO. | 2010/06/28 11:41 |
| S130 | 184 | (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium nitrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 12:29 |
| S131 | 0 | S118 and S130 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 12:29 |
| S132 | 27 | (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) same cerium nitrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 12:30 |

| S133 | 9 | (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) same cerium nitrate and aluminum nitrate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | NON | 2010/06/28 13:07 |
|------|-----|---|--|-----|-----|---------------------|
| S134 | 83 | mullite same infiltra\$7 same (zirconia or "zro.sub.2") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:07 |
| S135 | 23 | mullite with infiltra\$7 same (zirconia or "zro.sub.2") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:11 |
| S136 | 58 | mullite with infiltra\$7 and (zirconia or "zro.sub.2") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:15 |
| S137 | 35 | mullite with infiltra\$7 and (zirconia or "zro.sub.2") not S135 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:15 |
| S138 | 130 | mullite same infiltra\$7 and (zirconia or "zro.sub.2") not S135 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:20 |
| S139 | 95 | mullite same infiltra\$7 and (zirconia or "zro.sub.2") not S135 not S136 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:20 |
| S140 | 39 | mullite same infiltra\$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3) not S135 not S136 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:20 |
| S141 | 321 | ("Al.sub.2O.sub.3" or alumina or aluminum nitrate or Al("NO. sub.3")".sub.3") same infiltra\$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3) not S135 not S136 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:29 |
| S142 | 193 | ("Al.sub.2O.sub.3" or alumina or aluminum nitrate or Al("NO. sub.3")".sub.3") with infiltra\$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3) not S135 not S136 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | 0N | 2010/06/28 16:29 |
| S143 | 201 | ("Al.sub.2O.sub.3" or alumina or aluminum nitrate or Al("NO. sub.3")".sub.3") with infiltra\$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:29 |
| S144 | 58 | ("Al.sub.2O.sub.3" or alumina or aluminum nitrate or Al("NO. sub.3")".sub.3") with infiltra\$7 and (zirconia or "zro.sub.2") with (press\$3 or compact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:29 |

| S145 | 176 | ("Al.sub.2O.sub.3" or alumina or aluminum nitrate or Al("NO. sub.3")".sub.3") with infiltra\$7 and (zirconia or "zro.sub.2") with (press\$3 or compact\$3 or preform or body) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:29 |
|------|-----|--|--|-----|-------------|---------------------|
| S146 | 3 | (aluminum nitrate or Al("NO. sub.3")".sub.3") with infiltra\$7 and (zirconia or "zro.sub.2") with (press\$3 or compact\$3 or preform or body) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:30 |
| S147 | 0 | (aluminum nitrate or Al("NO. sub.3")".sub.3") with infiltra\$7 with (ethanol or methanol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:31 |
| S150 | 255 | (aluminum nitrate or Al("NO. sub.3")".sub.3") with (ethanol or methanol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:31 |
| S151 | 4 | (aluminum nitrate or Al("NO. sub.3")".sub.3") with (ethanol or methanol) and infiltra\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:32 |
| S153 | 41 | (aluminum nitrate or Al("NO. sub.3")".sub.3") with (ethanol or methanol or alcohol or water) and infiltra\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:34 |
| S154 | 6 | (aluminum nitrate or Al("NO. sub.3")".sub.3") with (ethanol or methanol or alcohol) and infiltra \$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:40 |
| S155 | 23 | (aluminum nitrate or AI("NO. sub.3")".sub.3") same infiltra\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:41 |
| S156 | 0 | (aluminum nitrate or Al("NO. sub.3")".sub.3") with (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS of sol) and infiltra\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OZ | 2010/06/28 16:43 |
| S157 | 0 | (aluminum nitrate or "AI(NO. sub.3).sub.3") with (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS of sol) and infiltra\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | 0 0 0 | 2010/06/28 16:44 |
| S158 | 11 | (aluminum nitrate or "AI(NO. sub.3).sub.3") with (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS or sol) and infiltra\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2010/06/28 16:44 |

| S159 | 31 | (aluminum nitrate or "AI(NO. | US-PGPUB; | ADJ | ON | 2010/06/28 |
|------|----|-----------------------------------|---------------|-----|----|------------|
| | | sub.3).sub.3") same (TMOS or | USPAT; USOCR; | | | 16:46 |
| | | tetraethyl orthosilicate or | EPO; JPO; | | | |
| | | tetraethylorthosilicate or | DERWENT | | | |
| | | tetramethylorthosilicate or | | | | |
| | | tetramethyl orthosilicate or TEOS | | | | |
| | | or sol) and infiltra\$7 | | | | |

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